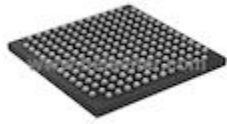


CY9BF316TBGL-GK7E1 Information


For Reference Only

Part Number [CY9BF316TBGL-GK7E1](#)
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 192FBGA
Package 192-LFBGA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


CY9BF316TBGL-GK7E1 Specifications

Manufacturer Part Number	CY9BF316TBGL-GK7E1
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	192-LFBGA
Series	FM3 MB9B310T
Core Processor	ARM® Cortex®-M3
Core Size	32-Bit
Speed	144MHz
Connectivity	CSIO, EBI/EMI, I ² C, LINbus, UART/USART, USB
Peripherals	DMA, LVD, POR, PWM, WDT
Number of I/O	154
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	64K x 8
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V
Data Converters	A/D 32x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	192-LFBGA
Supplier Device Package	192-FBGA (12x12)

[Report errors?](#)

CY9BF316TBGL-GK7E1 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

CY9BF316TBGL-GK7E1 Payment Methods



CY9BF316TBGL-GK7E1 Shipping Methods



If you have any question about CY9BF316TBGL-GK7E1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com